[0098] On the contrary, if the searched broadcast program is not currently being broadcast as a result of the program check in step S**111**, the controller **180** displays a general standby screen set to display an image, a moving image, a photo, or program content, on the display **151** (S**115**). The controller **180** controls the display **151** to display an indicator such as an icon for informing that the display function of the standby screen has been set. As an example, when a searched broadcast program is not being currently broadcast, general content that is not a broadcast image is displayed on the standby screen, and a set status of the display function of the standby screen is displayed by using an indicator, such as an icon. Accordingly, a user can check whether the display function of the standby screen has been set.

[0099] FIGS. **6**A-**6**D illustrate standby screens for setting a display function according to an embodiment of the present invention.

[0100] When a menu for setting a background screen is selected by a user, the controller **180** outputs a screen for setting a background screen setting on the display **151** (FIG. **6**A). When 'standby screen' is selected, the controller **180** enters a standby screen setting mode. The display **151** then outputs a screen for setting a standby screen.

[0101] In the standby screen setting mode, the controller **180** identifies an image to be displayed on the standby screen from the user input unit **130**. The image to be displayed on the standby screen may include one of a basic image, content, photo, moving image, and broadcast image provided from the mobile terminal (FIG. **6**B).

[0102] As illustrated in FIG. **6**C, a broadcast image is selected as an image to be displayed on the standby screen, the controller **180** receives input relating to a broadcast program to be displayed on the standby screen. The method of selecting a broadcast program may include using a preference channel, broadcast program title, search word, and specific time. When the method of selecting a broadcast program is executed based on a preference channel, the controller **180** sets the most frequently viewed broadcast channel based on a user's viewing frequency for each broadcast channel stored in the memory **160**. The preference channel may also be a channel set by a user.

[0103] When the method of selecting a broadcast program is executed based on a broadcast program title, the controller **180** receives a user's desired broadcast program title through the user input unit **130** to store in the memory **160**.

[0104] When the method of selecting a broadcast program is executed based on a search word, the controller **180** receives a specific word through the user input unit **130** to store in the memory **160**.

[0105] When the method of selecting a broadcast program is executed based on a specific time, the controller **180** receives the specific broadcast time through the user input unit **130** to store in the memory **160**.

[0106] Once the method of selecting a broadcast program has been set, the controller **180** receives a mode for displaying a broadcast image through the user input unit **130**.

[0107] The mode for displaying a broadcast image includes a still image mode for displaying a broadcast image received through the broadcast receiving module **111** by capturing into a still image, and a moving image mode for displaying a broadcast image by recording for a certain time (FIG. **6**D).

[0108] Specifically, when the mode for displaying a broadcast image is set as a still image mode, the controller **180** captures a broadcast image inputted through the broadcast receiving module **111** into a still image with a certain time period, and then displays the still image.

[0109] On the contrary, when the mode for displaying a broadcast image is set as a moving image mode, the controller **180** records a broadcast image inputted through the broadcast receiving module **111** with a certain time period, and then displays the recorded image on the display **151**.

[0110] In order to filter an advertisement showing at the end of a broadcasting program, the controller **180** checks an ending time of the broadcast program by using associated broadcast information before storing a broadcast image in the still image mode or in the moving image mode.

[0111] If there remains a certain amount of time before the broadcast program ends, as a result of the check, the controller **180** may not perform still image capturing and moving image recording.

[0112] When a user selects an 'OK' button under a status that the set information has been input, the controller **180** stores the set information in the memory **160**, and ends a function for setting a background screen.

[0113] FIGS. **7**A-**7**D illustrate a standby screen displayed on the mobile terminal according to another embodiment of the present invention.

[0114] Once a preference channel and a broadcast time are set by a user as a display function of the standby screen, the controller **180** searches a broadcast channel and a broadcast time from associated broadcast information based on the set information. A broadcast program corresponding to the set information is searched from the associated broadcast information, and the broadcast program is displayed on the display **151** of the mobile terminal **100** as the standby screen.

[0115] For example, assuming that a broadcast channel 'HBO' and a broadcast time of 10:00 PM are selected by a user in a process for setting a display function of the standby screen. As illustrated in FIG. **7**A, when the current time is 9:59 PM prior to the set broadcast time, a general standby screen is displayed on the display **151** of the mobile terminal **100**. However, at 10:00 PM, a set broadcast image of a broadcast channel is displayed on the display **151** as the standby screen (FIG. **7**B). Here, information relevant to the broadcast image such as a broadcast channel and a broadcast program title may be displayed on the display **151**.

[0116] As illustrated in FIG. **7**C, when the broadcast image is displayed for a certain time as a standby screen, the mobile terminal **100** returns to the general standby screen. As illustrated in FIG. **7**D, a broadcast image of the broadcast channel is captured to be displayed on the display **151** again for a certain time as a standby screen. Referring to FIGS. **7**B and **7**D, the first broadcast image is displayed at 10:00 PM and the second broadcast image is displayed at 10:02 PM. Accordingly, in this example, the time interval taken to update the broadcast image displayed on the standby screen is two minutes. Here, the time interval for updating the broadcast image may be set by a user.

[0117] FIGS. **8**A-**8**C illustrate a standby screen displayed on a mobile terminal according to another embodiment of the present invention.

[0118] In contrast to the standby screens illustrated in FIGS. **7**A-**7**D, the standby screen on which the broadcast image is displayed is not updated to a general standby screen. That is, a broadcast image of a broadcast program set by a user in a mode for setting a display function of the standby screen with a constant time period is displayed on the standby screen. Referring to FIGS. **8**B-**8**C, when a user sets a broad-